

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-30. (Canceled)

31. (Previously Presented) A liquid crystal device comprising:

first and second substrates;

a liquid crystal layer comprising a ferroelectric liquid crystal provided between said first and second substrates;

a resin disposed between said first and second substrates;

a spacer disposed between said first and second substrates;

an electrode provided over at least one of said first and second substrates for applying an electric field to said ferroelectric liquid crystal;

an orientation film provided over said first substrate; and

a film provided over said second substrate,

wherein said resin covers said orientation film and at least a portion of said resin is contiguous to said orientation film and to said film provided over said second substrate,

wherein said resin is formed by disposing a mixture of the liquid crystal and a curable resin between said first and second substrates and curing said curable resin.

32. (Previously Presented) A liquid crystal device comprising:

first and second substrates;

a liquid crystal layer comprising a ferroelectric liquid crystal provided between said first and second substrates;

a resin disposed between said first and second substrates;

a spacer disposed between said first and second substrates;
an electrode provided over at least one of said first and second substrates for applying an electric field to said ferroelectric liquid crystal;
an orientation film provided over said first substrate; and
a film provided over said second substrate,
wherein said resin covers said orientation film and at least a portion of said resin is contiguous to said orientation film and to said film provided over said second substrate,

wherein said resin is formed by disposing a mixture of the liquid crystal and a curable resin between said first and second substrates and curing said curable resin and an intensity of light transmitted through the liquid crystal layer can be continuously changed in accordance with a strength of the electric field in an operation of the liquid crystal device.

33. (Previously Presented) A liquid crystal device comprising:
first and second substrates;
a liquid crystal layer comprising an antiferroelectric liquid crystal provided between said first and second substrates;
a resin disposed between said first and second substrates;
a spacer disposed between said first and second substrates;
an electrode provided over at least one of said first and second substrates for applying an electric field to said antiferroelectric liquid crystal;
an orientation film provided over said first substrate; and
a film provided over said second substrate,
wherein said resin covers said orientation film and at least a portion of said resin is contiguous to said orientation film and to said film provided over said second substrate,

wherein said resin is formed by disposing a mixture of the liquid crystal and a curable resin between said first and second substrates and curing said curable resin.

34.-48. (Canceled)

49. (Previously Presented) The device of claim 31 wherein said liquid crystal device is an active matrix type.

50. (Previously Presented) The device of claim 32 wherein said liquid crystal device is an active matrix type.

51. (Previously Presented) The device of claim 33 wherein said liquid crystal device is an active matrix type.

52.-54. (Canceled)

55. (Previously Presented) A liquid crystal device comprising:
a pair of substrates;
a liquid crystal layer comprising a ferroelectric liquid crystal provided between said substrates;
a column-shape resin disposed between the pair of substrates;
an electrode provided over at least one of said substrates for applying an electric field to said ferroelectric liquid crystal;
an orientation film provided over at least one of said substrates; and
a spacer provided between said substrates,
wherein said column-shape resin is formed by disposing a mixture of the liquid crystal and a curable resin between the pair of substrates and curing said curable resin.

56. (Previously Presented) A liquid crystal device comprising:

a pair of substrates;

a liquid crystal layer comprising an antiferroelectric liquid crystal provided between said substrates;

a column-shape resin disposed between the pair of substrates;

an electrode provided over at least one of said substrates for applying an electric field to said antiferroelectric liquid crystal;

an orientation film provided over at least one of said substrates;

a spacer provided between said substrates,

wherein said column-shape resin is formed by disposing a mixture of the liquid crystal and a curable resin between the pair of substrates and curing said curable resin.

57. (Previously Presented) The device of claim 55 wherein said resin comprises an acrylic resin.

58. (Previously Presented) The device of claim 56 wherein said resin comprises an acrylic resin.

59.-64. (Canceled)

65. (Previously Presented) The device of claim 55 wherein said resin is provided on said orientation film.

66. (Previously Presented) The device of claim 56 wherein said resin is provided on said orientation film.

67.-108. (Canceled)

109. (Previously Presented) A liquid crystal device comprising:

first and second substrates;

a liquid crystal layer comprising a ferroelectric liquid crystal provided between said first and second substrates;

a resin disposed between said first and second substrates;

a spacer disposed between said first and second substrates;

an electrode provided over at least one of said substrates for applying an electric field to said ferroelectric liquid crystal;

an orientation film provided over said first substrate; and

a film provided over said second substrate,

wherein said resin covers said orientation film and at least a portion of said resin is contiguous to said orientation film and to said film provided over said second substrate,

wherein said resin is formed by disposing a mixture of the liquid crystal and a curable resin between said first and second substrates and curing said curable resin, and

wherein a transmitted light amount of said liquid crystal layer continuously varies in response to voltage applied to said liquid crystal layer.

110. (Previously Presented) The device of claim 109 wherein said resin comprises an ultraviolet curable resin.

111.-114. (Canceled)

115. (Previously Presented) The device of claim 109 wherein said liquid crystal device is an active matrix type.

116.-119. (Canceled)

120. (Previously Presented) The liquid crystal device according to claim 31 wherein at least a part of said resin is disposed between the liquid crystal layer and the orientation film.

121. (Previously Presented) The liquid crystal device according to claim 31 wherein said curable resin is a photocurable resin.

122.-123. (Canceled)

124. (Previously Presented) The liquid crystal device according to claim 32 wherein at least a part of said resin is disposed between the liquid crystal layer and the orientation film.

125. (Previously Presented) The liquid crystal device according to claim 32 wherein said curable resin is a photocurable resin.

126. (Previously Presented) The liquid crystal device according to claim 33 wherein an intensity of light transmitted through the liquid crystal layer can be continuously changed in accordance with a strength of the electric field in an operation of the liquid crystal device.

127. (Previously Presented) The liquid crystal device according to claim 33 wherein said curable resin is a photocurable resin.

128.-132. (Canceled)

133. (Previously Presented) The liquid crystal device according to claim 31 wherein said liquid crystal layer does not have memory characteristics.

134. (Previously Presented) The liquid crystal device according to claim 32 wherein said liquid crystal layer does not have memory characteristics.

135. (Previously Presented) The liquid crystal device according to claim 33 wherein said liquid crystal layer does not have memory characteristics.